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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent: 7,272,544 B2   Examiner: Thangavelu, Kandasamy

Issued: September 18, 2007   Group: 2123

Inventor(s):   Vipin Gopal et al.   Docket No. H16-25963 (256.054US1)

For: INTEGRATED MODELING THROUGH SYMBOLIC MANIPULATION

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope address to: The Certificate of Corrections Branch, P.O. Box 1450, Alexandria, VA 22313-1450.

on December 4, 2007   Signature: _____
                                                    Anthony Miologos

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CERTIFICATE OF CORRECTION UNDER 37 CFR 1.322

Attn: Certificate of Corrections Branch
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:
     Please correct the above-identified patent by issuing a Certificate of Correction for a Patent Office mistake under Rule 1.322 as follows:

     In Column 7, line 21, delete "computer-readable medium" **and add** --computer readable storage medium--;
     In Column 7, line 27, delete "process to be modeled" **and add** --process being modeled--;
     In Column 7, line 32, delete "assumptions and applied model transformations" **and add** --assumptions--;
     In Column 7, line 43, delete "is a flash column" **and add**--represents a flash column--;
     In Column 7, lines 46-51 delete "rate of change of the mass of vapor, rate of change of a mass of liquid, energy change of a vapor, energy change of a liquid, pressure equilibrium correlation, thermal equilibrium correlation, vapor and liquid enthalpy equations, equal pressure, gas law and volume correlation" **and add**--rate of change of a mass of a vapor, a rate of change of a mass of liquid, energy change of the vapor, energy change of the liquid, pressure equilibrium correlation, thermal equilibrium correlation, vapor and liquid enthalpy equations, gas law and volume correlation--;
     In Column 8, line 9, delete "computer-readable medium" **and add** --computer readable storage medium--;

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In Column 8, line 14, delete "the environment of a process being modeled" **and add**--an environment of the process being modeled--;

In Column 8, line 17, delete "assumptions and applied model transformations" and add --assumptions--;

In Column 8, lines 27-34, delete "the symbolic generic component comprises representations of parameters for a flash column selected from the group consisting of a rate of change of the mass of vapor, rate of change of a mass of liquid, energy change of a vapor, energy change of a liquid, pressure equilibrium correlation, thermal equilibrium correlation, vapor and liquid enthalpy equations, equal pressure, gas law, and volume correlation" **and add** --the symbolic generic model comprises representations of parameters for a flash column selected from the group consisting of a rate of change of the mass of a vapor, a rate of change of a mass liquid, energy change of the vapor, energy change of the liquid, pressure equilibrium correlation, thermal equilibrium correlation, vapor and liquid enthalpy equations, gas law, and volume correlation--;

In Column 8, line 44, delete "computer-readable medium" **and add** --computer readable storage medium--;
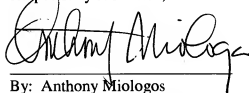
In Column 8, line 48 delete "a environment independent" **and add** --an environment independent--;

In Column 8, lines 52-54 delete "representations of the components derived from the generic models based on the assumptions" **and add** --representations of the components forming component specific models derived from the generic models based on the assumptions; and

an output interface for storing the component specific models on a computer readable storage medium--.

These errors occurred through the fault of the Patent Office because the Examiners Amendment in the Notice of Allowability was not entered. The issuance of a Certificate of Correction under Rule 1.322 is therefore considered proper.

Respectfully submitted,

By: Anthony Miologos
Honeywell International Inc.
Attorney for Applicant(s)
Reg. No. 29,677
Tel. (602) 313-5683

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PATENT NO.   : 7,272,544 B2

APPLICATION NO.: 10/758,630

ISSUE DATE   : September 18, 2007

INVENTOR(S)   : Vipin Gopal et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Column 7, line 21, delete "computer-readable medium" and add --computer readable storage medium--;

In Column 7, line 27, delete "process to be modeled" and add --process being modeled--;

In Column 7, line 32, delete "assumptions and applied model transformations" and add --assumptions--;

In Column 7, line 43, delete "is a flash column" and add--represents a flash column--;

In Column 7, lines 46-51 delete "rate of change of the mass of vapor, rate of change of a mass of liquid, energy change of a vapor, energy change of a liquid, pressure equilibrium correlation, thermal equilibrium correlation, vapor and liquid enthalpy equations, equal pressure, gas law and volume correlation" and add--rate of change of a mass of a vapor, a rate of change of a mass of liquid, energy change of the vapor, energy change of the liquid, pressure equilibrium correlation, thermal equilibrium correlation, vapor and liquid enthalpy equations, gas law and volume correlation--;

In Column 8, line 9, delete "computer-readable medium" and add --computer readable storage medium--;

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In Column 8, line 17, delete "assumptions and applied model transformations" and add --assumptions--;

In Column 8, lines 27-34, delete "the symbolic generic component comprises representations of parameters for a flash column selected from the group consisting of a rate of change of the mass of vapor, rate of change of a mass of liquid, energy change of a vapor, energy change of a liquid, pressure equilibrium correlation, thermal equilibrium correlation, vapor and liquid enthalpy equations, equal pressure, gas law, and volume correlation" and add --the symbolic generic model comprises representations of parameters for a flash column selected from the group consisting of a rate of change of a mass of a vapor, a rate of change of a mass liquid, energy change of the vapor, energy change of the liquid, pressure equilibrium correlation, thermal equilibrium correlation, vapor and liquid enthalpy equations, gas law, and volume correlation--;

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Honeywell International Inc.
P.O. Box 2245
Morristown, NJ 07962

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